



ELSEVIER

Agricultural Water Management 67 (2004) 241–242

Agricultural
water management

www.elsevier.com/locate/agwat

Contents of *Agricultural Water Management*, Volume 67

VOLUME 67 ISSUE 1

1 JUNE 2004

- Effect of the niche-fitness at different water supply and fertilization on yield of spring wheat in farmland of semi-arid areas
W. Li, Z. Li and W. Li (Gansu, PR China) 1
- Evaluation of an enclosed portable chamber to measure crop and pasture actual evapotranspiration at small scale
M.K. McLeod, H. Daniel, R. Faulkner and R. Murison (Armidale, Australia) 15
- Irrigation and fertilizer effects on water use and yield of spring wheat in semi-arid regions
W. Li, W. Li and Z. Li (Gansu, PR China) 35
- Alternative cropping strategies for assured and efficient crop production in upland rainfed rice areas of eastern India based on rainfall analysis
G. Kar, R. Singh and H.N. Verma (Bhubaneswar, India) 47
- Irrigation frequency and amount affect yield components of summer squash (*Cucurbita pepo* L.)
A. Ertek (Isparta, Turkey), S. Şensoy, C. Küçükyumuk and İ. Gedik (Van, Turkey) 63

VOLUME 67 ISSUE 2

15 JUNE 2004

- Effects of irrigation before sowing and plastic film mulching on yield and water uptake of spring wheat in semiarid Loess Plateau of China
F.-M. Li (Lanzhou, China and Yangling, China), P. Wang (Lanzhou, China), J. Wang (Xian, China) and J.-Z. Xu (Lanzhou, China) 77
- Wetting patterns and nitrogen distributions as affected by fertigation strategies from a surface point source
J. Li, J. Zhang and M. Rao (Beijing, China) 89
- Sediment flow behaviour from small agricultural watersheds
P. Pathak, S.P. Wani, P. Singh and R. Sudi (Patancheru, India) 105
- Productivity enhancement through rice–fish farming using a two-stage rainwater conservation technique
A. Mishra and R.K. Mohanty (Bhubaneswar, India) 119
- Changes in seasonal evapotranspiration, soil water content, and crop coefficients in sugarcane, cassava, and maize fields in Northeast Thailand
K. Watanabe (Kyoto, Japan), T. Yamamoto, T. Yamada (Tokyo, Japan), T. Sakuratani, E. Nawata (Kyoto, Japan), C. Noichana, A. Sributta (Khon Kaen, Thailand) and H. Higuchi (Kyoto, Japan) 133

Effects of gravel mulch on water vapor transfer above and below the soil surface T. Yamanaka (Tsukuba, Japan), M. Inoue (Tottori, Japan) and I. Kaihotsu (Higashi-Hiroshima, Japan)	145
---	-----

VOLUME 67 ISSUE 3**1 JULY 2004**

Water balance of Swamp Mahogany and Rhodes grass irrigated with treated sewage effluent M. Edraki, H.B. So (Brisbane, Australia) and E.A. Gardner (Indooroopilly, Australia)	157
Effect of irrigation on fruit production in blueberry E.A. Holzapfel, R.F. Hepp (Chillán, Chile) and M.A. Mariño (Davis, CA, USA)	173
Agricultural water use estimation using geospatial modeling and a geographic information system V.K. Boken, G. Hoogenboom (Griffin, GA, USA), J.E. Hook (Tifton, GA, USA), D.L. Thomas (Baton Rouge, LA, USA), L.C. Guerra (Griffin, GA, USA) and K.A. Harrison (Tifton, GA, USA)	185
Irrigation scheduling of confectionery groundnut (<i>Arachis hypogaea</i> L.) in Senegal using a simple water balance model B. Sarr (Thies, Senegal), J. Lecoeur and P. Clouvel (Montpellier, France)	201
Interactive effects of elevated CO ₂ , nitrogen and drought on leaf area, stomatal conductance, and evapotranspiration of wheat F. Li (Guangxi, China), S. Kang (Beijing, China and Shannxi, China) and J. Zhang (Kowloon Tang, Hong Kong)	221
Short communication	
Irrigation of pepper plant (<i>Capsicum</i> sp.) with water containing acrolein H.A. Caldironi (Buenos Aires, Argentina and Azul, Argentina), D.J. Bentivegna (Buenos Aires, Argentina) and M.R. Rhea (Sugar Land, TX, USA)	235
Contents of <i>Agricultural Water Management</i>, Volume 67.	241

